

TELOMERASE REVERSE TRANSCRIPTASE TRANSCRIPTIONAL REGULATORY
SEQUENCES AND METHODS OF USING
ABSTRACT OF THE DISCLOSURE

The present invention is related to novel nucleic acids comprising
telomerase reverse transcriptase (TERT) *cis*-acting transcriptional control sequences,
5 including TERT human and mouse promoter sequences. The present invention is further
directed to methods of using these *cis*-acting transcriptional control sequences, for
example, to drive heterologous gene sequences; to modulate the level of transcription of
TERT or to isolate novel *trans*-acting regulatory factors which bind to and modulate the
activity of a TERT promoter.